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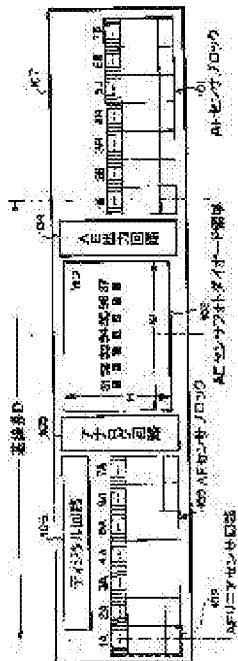
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(22) Date of filing : **27.09.2001** (72) Inventor : **TAKAHASHI
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(54) **SOLID-STATE IMAGE PICKUP DEVICE FOR PHOTOMETRY AND AUTO-FOCUSING AND IMAGE PICKUP DEVICE USING THE SAME**



(57) Abstract:

PROBLEM TO BE SOLVED: To solve the problems that there is no technology for a multiple auto-focusing, also that appropriate exposure can not be obtained as a photometric function in a back-lighted state and that a photometric range is narrow because an output of a photometric sensor is a linear output.

SOLUTION: A plurality of photoelectric transducer strings 1A to 7A and 1B to 7B for the multiple auto-focusing to a plurality of positions in a photographing area, photoelectric transducers S1 to S7 for spot photometry for performing photometry of a plurality of distance measurement positions in a spot manner, and a photoelectric transducer W0 for full photometry for performing photometry of the whole photographing areas are integrated on the same semiconductor substrate 107.